

# DIESEL ENGINE OIL

## SAE 30 API CF



SAE 30 is a mono-grade heavy-duty diesel engine oil formulated from high-quality virgin base oil and selected additives. Created for high-speed 4-stroke diesel engines, shields the mechanical components from high temperatures and wear, extending the engine's operational life. Due to the high sulfur content in fuel, offers good alkalinity to battle the sulfur's acidic effect.

### BENEFITS

- Protection Against Wear and Tear
- Good Anti-rust and Anti-foaming Properties
- High Oxidation Control
- Prevents Piston Deposits Formation
- Excellent Internal Engine Cleanliness and Longer Engine Life

### PERFORMANCE LEVEL

- API: CF MIL-L-2104D
- MIL-L-46152B CCMC D2/D3/PD1

### APPLICATION OF USE

Recommended for naturally aspirated and turbocharged heavy-duty diesel engines. Suitable for passenger cars, light commercial vehicles, and an extensive range of heavy-duty applications. Designed for highway and off-road applications. Used in all diesel engines where the manufacturer recommends API CF or earlier specification, also suitable for gasoline engines with API SF.

### TYPICAL TECHNICAL PROPERTIES

Physical Characteristics	Test Method	Typical Value
SAE Grade		30
Density @ 15 °C, kg/L	ASTM D-1298	0.893
Kinematic Viscosity, cSt		
AT 40 °C cSt	ASTM D-445	102
AT 100 °C cSt	ASTM D-445	11.6
Viscosity Index	ASTM D-2270	102
Flash Point COC, °C	ASTM D-92	230
Pour Point, °C	ASTM D-97	-18
TBN, mg KOH/gm	ASTM D-2896	11

Note: All figures may vary slightly.